

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-26325
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR M. J. Harvey, Jr.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 12705 Dallas, Texas 75225		8. FARM OR LEASE NAME Harvey Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 714' FNL & 741' FEL (NENE) At proposed prod. zone same		9. WELL NO. #33-1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 17 miles northwest of Green River, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 714'		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 33-T19S-R14E
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH 13. STATE Emery Utah
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		14. PROPOSED DEPTH 565'
18. ELEVATIONS (Show whether DF, RT, GR, etc.) 4636' GR		15. ROTARY OR CABLE TOOLS Rotary
21. APPROX. DATE WORK WILL START July 30, 1984		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/4"	4 1/2"	11.0#	T.D.	To surface
8 5/8"	7"	9.0#	0-20'	To surface
(CONDUCTOR PIPE)				

RECEIVED

I propose to drill a Cedar Mountain formation test to approximately 565'. The well will be drilled, completed, produced and/or plugged in accordance with all rules and regulations of the State of Utah and the Bureau of Land Management.

JUL 18 1984

DIVISION OF OIL
GAS & MINING

THIS LEASE EXPIRES AT MIDNITE JULY 31, 1984. DRILLING OPERATIONS WILL BE TAKING PLACE AT THAT TIME.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Owner DATE 7/10/84
By Jerry Keeler, Agent
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

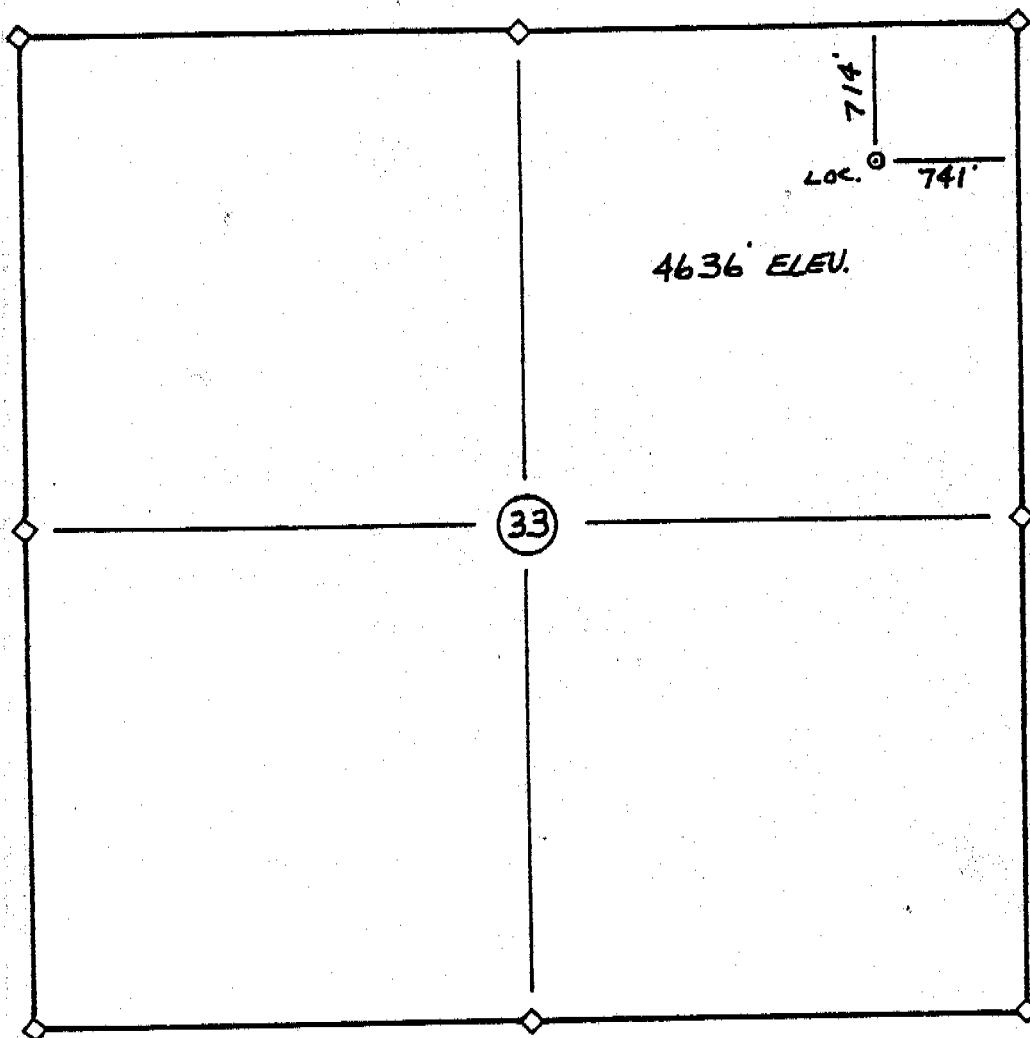
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7/25/84

BY: [Signature]

*See Instructions On Reverse Side

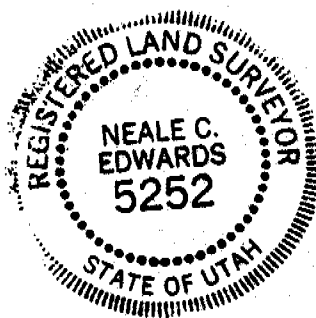


NORTH



REFERENCE DOCUMENTS

1912 GLO PLAT
CLIFF- UTAH
QUADRANGLE, USGS



SURVEYOR'S CERTIFICATE

I, NEALE C. EDWARDS A REGISTERED LAND SURVEYOR
IN THE STATE OF UTAH DO HEREBY CERTIFY THAT
THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION
AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Neale C. Edwards
L.S. NO 5252

DATE: 7-3-84

THIS WELL LOCATION PLAT WAS PREPARED
FOR M. J. HARVEY AS
REQUESTED BY JERRY KEELER
714' F.N.L. & 741' F.E.L.
IN THE NE 1/4 NE 1/4, OF SECTION 33,
T. 19 S. R. 14 E. OF THE SLB P.M.,
EMERY COUNTY, UTAH

NCE SURVEYS

364 C.R. 216
DURANGO, COLO.
81301
(303) 247-2342

BUREAU OF LAND MANAGEMENT
MOAB DISTRICT
CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Company M.J. Harvey, Jr. Well No. 33-1 Federal
Location: Sec: NENE 33 T. 19S R. 14E Lease No. U-26325
Onsite Inspection Date 7/10/84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to ensure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

<u>Thunuk</u>	<u>Surface</u>	
<u>Dakota</u>	<u>225'</u>	
<u>Cedar Mountain</u>	<u>365'</u>	
<u>Morrison</u>	<u>565'</u>	<u>TD</u>

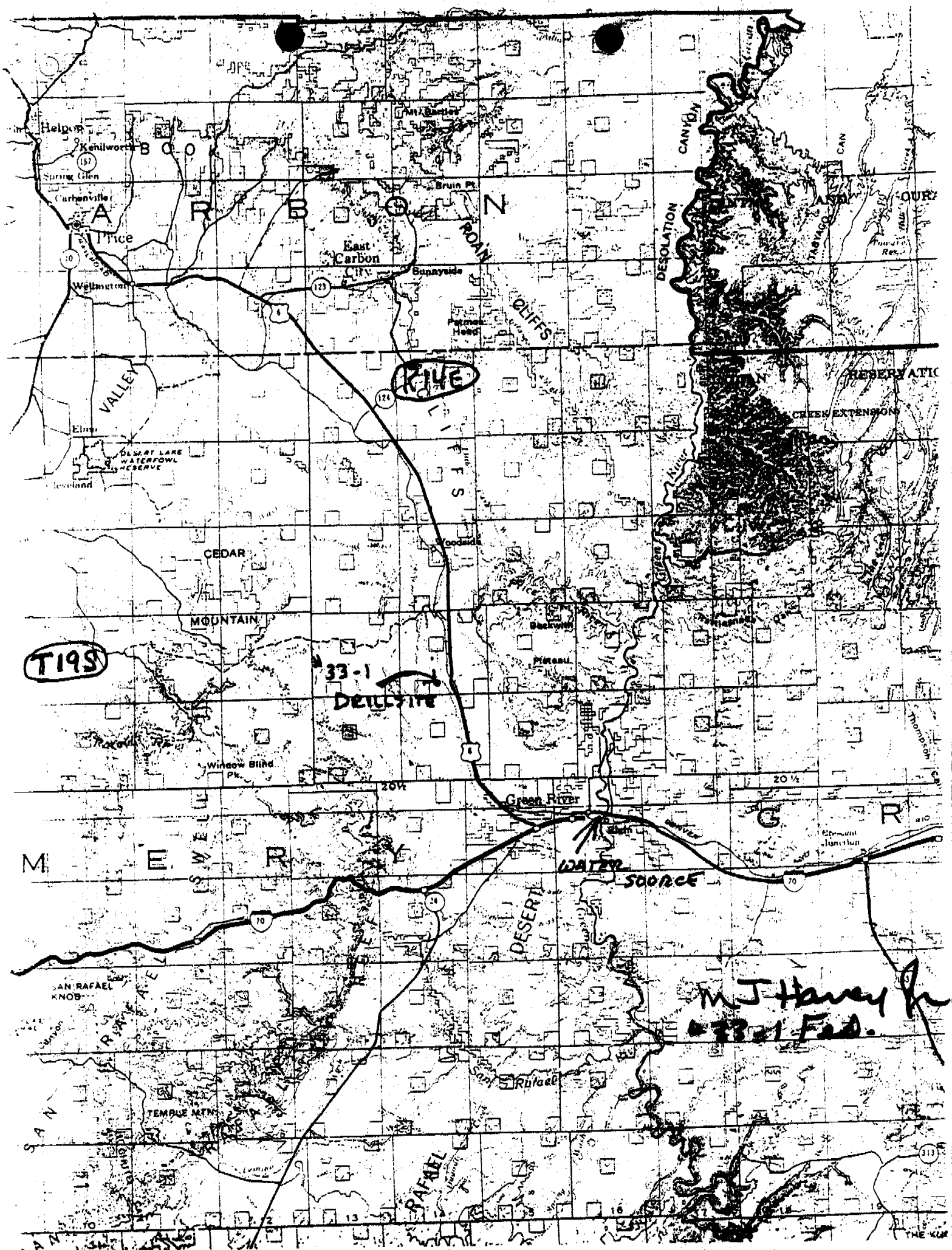
2. Estimated Depth at Which Oil, Gas, Water, or Other Mineral-Bearing Zones Are Expected to Be Encountered:

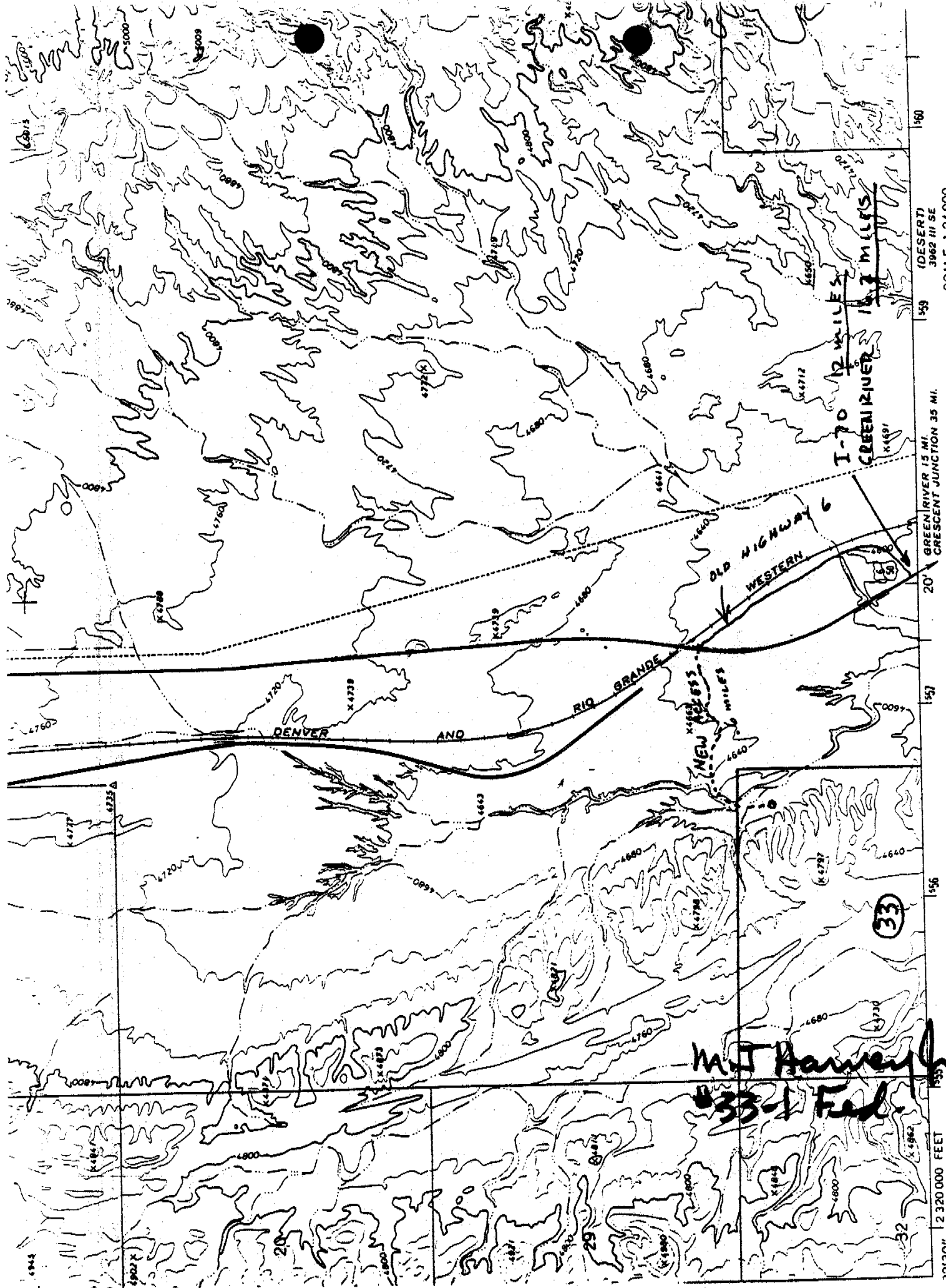
	<u>Formation</u>	<u>Depth</u>
Expected oil zones:	<u>Cedar Mountain</u>	<u>365'-565'</u>
Expected gas zones:	<u>Possible in the Cedar Mtn.</u>	
Expected water zones:	<u>None</u>	
Expected mineral zones:	<u>None</u>	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

NA as no surface pipe will be set



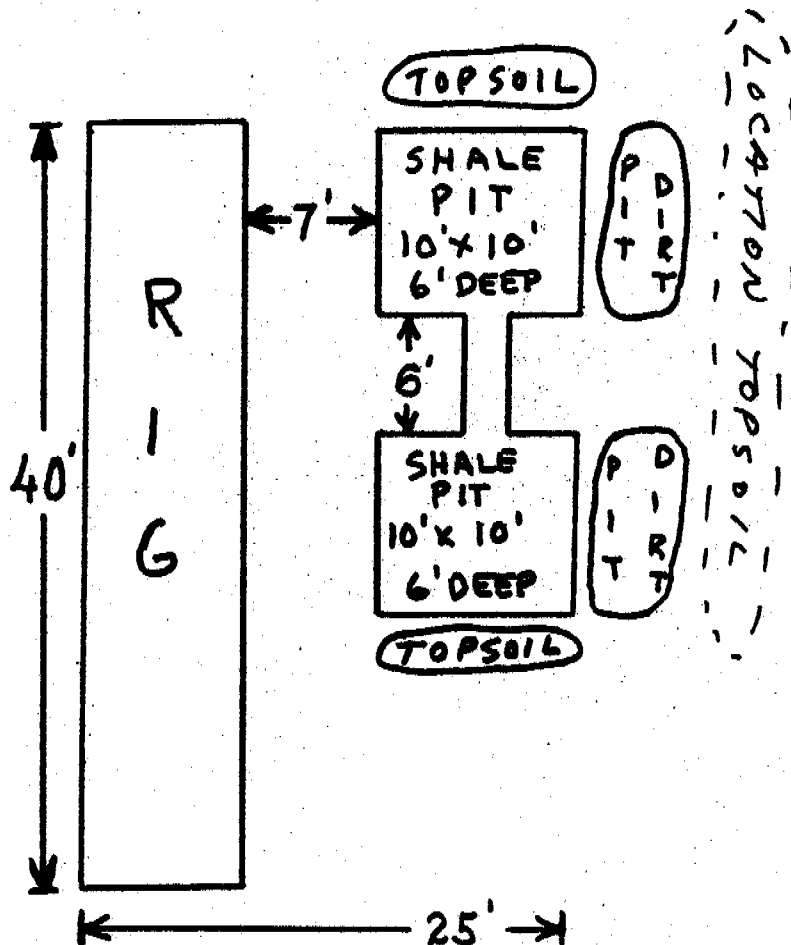
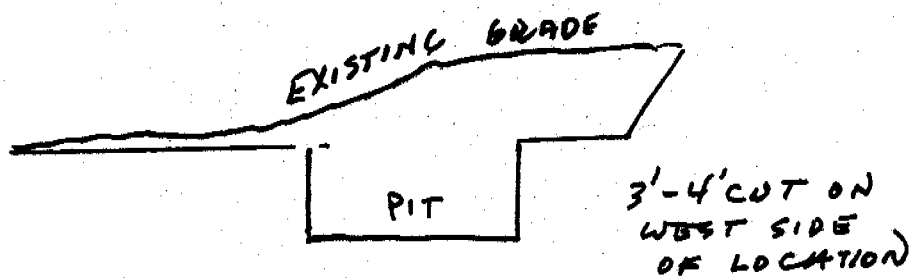


DESERT
3962 III SE
SCALE 1:24000

GREEN RIVER 15 MI.
CRESCENT JUNCTION 35 MI.

22'30" 2 320 000 FEET

Map prepared, edited, and published by the Geological Survey



ACCESS -
100 YARDS NORTH
TO OLD
SEISMOGRAPH TRAIL

MT Harvey, Jr
#33-1 Fed.

BUREAU OF LAND MANAGEMENT
MOAB DISTRICT
CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Company M.J. Harvey, Jr. Well No. 33-1 Federal
Location: Sec: NENE 33 T. 19S R. 14E Lease No. U-26325
Onsite Inspection Date 7/10/84

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<u>Dakota</u>	<u>225'</u>	
<u>Cedar Mountain</u>	<u>365'</u>	
<u>Morrison</u>	<u>565'</u>	<u>TD</u>

2. Estimated Depth at Which Oil, Gas, Water, or Other Mineral-Bearing Zones Are Expected to Be Encountered:

	<u>Formation</u>	<u>Depth</u>
Expected oil zones:	<u>Cedar Mountain</u>	<u>365'-565'</u>
Expected gas zones:	<u>Possible in the Cedar Mtn.</u>	
Expected water zones:	<u>None</u>	
Expected mineral zones:	<u>None</u>	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

NA as no surface pipe will be set

(480) (Form)

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure-tested before drilling casing cement plugs. The Resource Area (will/will not) be notified 2 days in advance when pressure tests are to be conducted.

4. Casing Program and Auxiliary Equipment: Conductor 20' 9#
No surface pipe to be set
Production casing 4 1/2" 11.0# New K-55

Anticipated cements tops will be reported as to depth, not the expected number of sacks. The Resource Area (will/~~XXXXXX~~) be notified 2 days in advance when running casing strings and cement.

5. Mud Program and Circulating Medium: From surface to TD the fluid will have a weight of 8.3 to 8.8 P.P.G. with gel, lime, or flocculant added as needed. A viscosity of 34-38 with less than 10cc water loss will be maintained.

Blooe line will be misted to reduce fugative dust when air drilling.

6. Coring, Logging and Testing Program:
No coring or testing is planned
Logs run will be a Gamma Ray, SP, and Resistivity
from surface to TD with additional logs if determined
necessary at the time.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, work-over, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards: No abnormal pressures or temperatures
or sour gasses are anticipated.

8. Anticipated Starting Dates and Notifications of Operations:

The operator will contact the Price Resource Area at Price, Utah, forty-eight (48) hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date (will/~~will not~~) be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P.O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of IITL-3A.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations,

PHOTOGRAPH
ORIGINAL
2000 (10/10/00)

oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation ~~will~~ be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed as follows: In accordance with Federal

standards

The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch:

"Fed" or "Ind", as applicable. "Well number, location by 1/4 section, township and range". "Lease number".

Other: _____

B. THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

- a. Location of proposed well in relation to town or other reference point: 17 miles northwest of
Green River, Utah

- b. Proposed route to location: Access I-70 west and north
of Green River on Utah Highway 6, travel 12 miles to
marked exit onto old Highway, pass under railroad over-
pass & turn west at marked stake & follow flags to wellsite.
- c. Plans for improvement and/or maintenance of existing roads: Use in present state.

d. Other: NA

2. Planned Access Roads:

- a. The maximum total disturbed width will be 24 feet. where applicable
- b. Maximum grades: 10 %
- c. Turnouts: As per BLM requests
- d. Location (centerline): Flagged by BLM (Merv Miles)
- e. Drainage: Low water crossings
- f. Surface materials: None anticipated but will be obtained from private sources if necessary
- g. Other: Access will follow an old seismograph trail, as determined by Merv Miles, no surface disturbance will be allowed except at low water crossings.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells: No Known wells within 1 mile

4. Location of Tank Batteries and Production Facilities:

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:

As determined by BLM

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from:
The Green River in Green River, Utah located
approximately in the SW 1/4 Section 3-T21S-R16E

A temporary water use permit for this operation will be obtained from the Utah State Engineer in Price at 801-637-1303. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

6. Source of Construction Material:

Pad construction material will be obtained from:

Private source if needed

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3. Source of construction material (will/will not) be located on lease.

7. Methods of Handling Waste Disposal:

The reserve pit (~~will not~~ ^{will not} be lined: unless determined
necessary during construction

Three sides of the reserve pit will be fenced with woven
wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

All trash must be contained and disposed of by:
in sanitary landfill

If burning is required, a permit will be obtained from the State Fire Warden No burning allowed

Produced waste water will be confined to a (~~lined~~ ^{unlined} ~~wire~~) pit or tanks for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

Other: NA

8. Ancillary Facilities:

Camp facilities ~~will~~/will not) be required. They will be located:

None

9. Well Site Layout:

The reserve pit will be located: On the west edge of the location (uphill)

The top 6 inches of soil material will be removed from the location and stockpiled separately on uphill or on the west edge of the location. Topsoil along the access road will be reserved in place adjacent to the road.

Access to the well pad will be from: West from old highway 6 following flagged route 100 yards north of the proposed wellsite then due south onto pad.

The trash pit will be located: As per Merv Miles not allowed, a trash can will be used.

10. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all remaining debris, materials, trash and junk not required for production. OK

Before any dirt work to restore the location takes place, the reserve pit must be completely dry. OK

The operator or his contractor (will/~~will not~~) notify the

Price Resource Area at 801-637-4584 forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

All disturbed areas will be recontoured to the approximate natural contours. OK

The stockpiled topsoil will be evenly distributed over the disturbed areas. OK

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. OK

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

As per Merv Miles the following seed mix will be used.

Shad Scale 1/2# per acre, Indian Rice Grass 1#
per acre, Yellow clover 1# per acre

~~The following seed mixture will be used~~

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed. OK

Additional Requirements: Refer to attached BIM stipulations

11. Surface and Mineral Ownership:

Both are owned by the Federal Government on the
access road and the wellsite as proposed.

12. Other Information: The well will be drilled and
reclamation will be done under the supervision of
a M.J. Harvey, Jr. representative.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance (will/~~will not~~) be required before any construction begins. If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operator's Representative and Certification

Representative:

Name: Jerry Keeler
Address: Box 922
Newcastle, Wy 82701
Phone No.: 307-746-9337

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by:

M.J. Harvey, Jr.
and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/10/84
Date

Jerry Keeler Agent
Name and Title
for M.J. Harvey, Jr.

ONSITE

DATE: 7/10/84

PARTICIPANTS:

TITLES:

<u>Merv Miles</u>	<u>BLM</u>	<u>Surface Protection Specialist</u>
<u>Jerry Keeler</u>	<u>M. J Harvey, Jr.</u>	<u>Agent</u>
<u>Pete Gleichman</u>	<u>Paul Nickens</u>	<u>Archeologist</u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Your contact with the District Office is: Lynn Jackson

Office Phone: 801-259-6111

City: Moab State: Utah

Resource Area Manager's address and contacts are:

Address: 900 North 7th East Price, Utah

Your contact is: Dan Cressy

Office Phone: 801-637-4584

STIPULATIONS

1. M. J. Harvey shall insure that all individuals working at or near the location are aware of and comply with all applicable stipulations.
2. The BLM's representative (^{Dan Cressy}~~Sid Vogelpon~~, 801-637-4584) will be notified at least 48 hours prior to any surface disturbing activities associated with new access roads or drill pad location. A pre-construction on-site shall be arranged by 7/10/84 at which representatives of the BLM, ~~and the dirt contractor shall be present~~ Company representative
3. Roads shall be constructed where flagging was located during the on-site inspection. Driving surface width of the road is to be limited to 16 feet with turnouts at least every 1,000 feet or less as determined by terrain. Roads will be crowned and ditched or sloped with water bars and water turnouts where feasible. (Refer to BLM/USGS Surface Operating Standards, Figures 1 through 7). Changes in finished road design may be required by the BLM.
4. Six to 8 inches of topsoil on the entire pad site shall be removed and stockpiled in a manner to minimize soil loss to wind and water erosion. Stockpiles shall be rounded off and located so that soil is not contaminated or compacted. In the event that the well is a producer, soil stockpiles shall be seeded. A seed mix list will be provided by the BLM.
5. Littering of access roads or pad area by personnel involved in the drilling operation or construction shall be prevented or corrected by . Litter pickup along access roads or in the pad area may be required. Collected garbage and trash will be disposed of at an authorized landfill. Drained equipment oil will be disposed of in pits at drill sites or at a landfill. Sanitation facilities will be provided as required by the State of Utah.
6. The completed road shall be maintained so that the travel surface is free of excessive ruts, holes, soft spots, slides and washboards. The road, drainages and shoulders shall be free of large rocks, vegetative debris and slides. Drainage ditches shall be relatively free of sediments and not excessively eroded. Low water crossings shall be maintained.
7. During periods of weather when activity would result in deep rutting (6 inches or more) of the driving surface or excessive disturbance on the right-of-way, a stop work order may be verbally issued by the Authorized Officer with a follow-up written order. An authorization to resume work will be required.
8. Residues and contaminated earth in mud pits may be required to be completely removed if, with reclamation, ~~same~~ ^{this material} would be near or exposed at the surface.
9. Upon completion of drilling operations, the BLM's representative shall be notified by 5 days of production and/or reclamation plans so that an inspection may be conducted to determine if mitigating measures in addition to those included in the surface use plan or presented hereby are necessary.

10. Any production facilities will be painted in a single, low gloss, pastel color that will blend with the color of soils, rock or vegetation. Color will be approved by the BLM's representative.

11. Reclamation will occur as soon as feasible as determined by the BLM and will return all disturbed areas to a color and topographic form that blends with the surroundings. Any topsoil stockpiled will be redistributed and the area seeded as specified by the BLM at the time of reclamation. Erosion control devices will be required as determined by the BLM.

OPERATOR M. J. Harvey, Jr. DATE 7-21-84

WELL NAME Harvey Fed. # 33-1

SEC NE NE 33 T 19S R 14E COUNTY Caney

43-015-30203
API NUMBER

Fed.
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

HL

☐☐

NID

☐

PI

☐☐

MAP

☐☐

PROCESSING COMMENTS:

No other wells within 1000'
Med water permit

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

1- Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER _____

☐ UNIT _____

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

REC'D JUL 12 1984

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 b. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐
 2. NAME OF OPERATOR
 M. J. Harvey, Jr.
 3. ADDRESS OF OPERATOR
 P.O. Box 12705 Dallas, Texas 75225
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 714' FNL & 741' FEL (NENE)
 At proposed prod. zone
 same
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 17 miles northwest of Green River, Utah
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 714'
 16. NO. OF ACRES IN LEASE
 640
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 40
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 NA
 19. PROPOSED DEPTH
 565'
 20. ROTARY OR CABLE TOOLS
 Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4636' GR
 22. APPROX. DATE WORK WILL START*
 July 30, 1984

5. LEASE DESIGNATION AND SERIAL NO.
 U-26325
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Harvey Federal
 9. WELL NO.
 #33-1
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 33-T19S-R14E
 12. COUNTY OR PARISH
 Emery
 13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/4"	4 1/2"	11.0#	T.D.	To surface
8 5/8"	7"	9.0#	0-20'	To surface
(CONDUCTOR PIPE)				

RECEIVED
JUL 10 1984

DIVISION OF OIL
GAS & MINING

I propose to drill a Cedar Mountain formation test to approximately 565'. The well will be drilled, completed, produced and/or plugged in accordance with all rules and regulations of the State of Utah and the Bureau of Land Management.

THIS LEASE EXPIRES AT MIDNITE JULY 31, 1984. DRILLING OPERATIONS WILL BE TAKING PLACE AT THAT TIME.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Owner DATE 7/10/84
 By Jeffy Keeler, Agent
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE Acting DISTRICT MANAGER DATE 25 JUL 1984
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

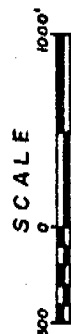
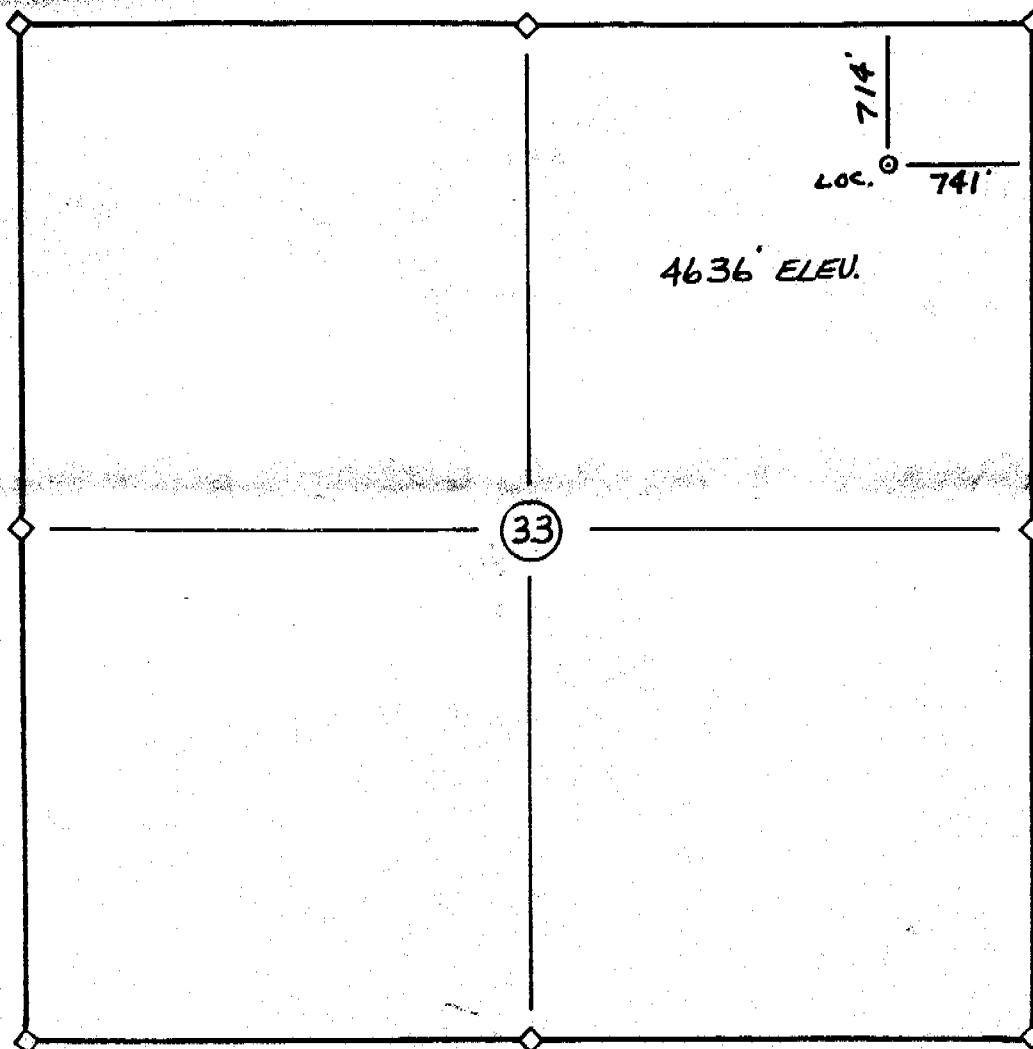
FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A

*See Instructions On Reverse Side

SUBJECT TO RIGHT OF WAY

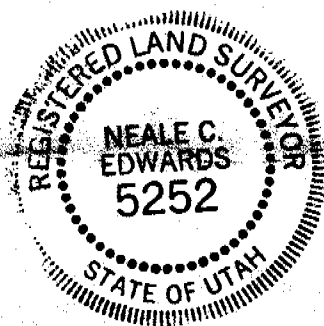
Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

State of Utah - DOGM



REFERENCE DOCUMENTS

1912 GLO PLAT
CLIFF-UTAH
QUADRANGLE, USGS



SURVEYOR'S CERTIFICATE

I, NEALE C. EDWARDS A REGISTERED LAND SURVEYOR
IN THE STATE OF UTAH DO HEREBY CERTIFY THAT
THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION
AND THAT THIS PLAT REPRESENTS SAID SURVEY.

Neale C. Edwards
L.S. NO 5252

DATE: 7-3-84

THIS WELL LOCATION PLAT WAS PREPARED
FOR M. J. HARVEY AS
REQUESTED BY JERRY KEELER
714' F.N.L. & 741' F.E.L.
IN THE NE 1/4 NE 1/4, OF SECTION 33,
T. 19 S. R. 14 E. OF THE SLB P.M.,
EMERY COUNTY, UTAH

NCE SURVEYS

364 C.R. 216
DURANGO, COLO.
81301
(303) 247-2342

M.J. Harvey, Jr.
Well Harvey Federal #33-1
Section 33, T. 19 S., R. 14 E., SLB&M
Lease U-26325
Emery County, Utah

Supplemental Stipulations (Stipulation number headings correspond to the appropriate section of the 13 point surface use plan of the A.P.D.)

2. There shall be no earth moving work along the access except where needed at low water crossings.
4. If the well is completed for production, M.J. Harvey will provide maps or plats showing the location of proposed production facilities and lines on and off the pad with a sundry notice giving reference to the maps or plats. This will be subject to BLM approval.
7. Portable chemical toilets will be provided.
10. A preconstruction onsite shall be arranged by M.J. Harvey, Jr. at which representatives of the BLM and the dirt contractor shall be present.

(Stipulation number heading corresponds to the appropriate section of the Drilling Program use plan of the A.P.D.)

3. Adequate blowout prevention equipment/material will be available on location during the drilling of this well.

July 25, 1984

H. J. Harvey, Jr.
P. O. Box 12705
Dallas, Texas 75225

RE: Well No. Harvey Federal #33-1
BENE Sec. 33, T. 19S, R. 14E
714' FBL, 741' FEL
Emery County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Raza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2

M. J. Harvey, Jr.


Well No. Harvey Federal #33-1

July 25, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-015-30203.

Sincerely,


R. J. Firth
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____

TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

NAME OF OPERATOR

M. J. Harvey, Jr.

ADDRESS OF OPERATOR

Box 12705 Dallas, Texas 75025

LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

714 FNL 741 FEL NENE

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

43-015-30203 7-25-84

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DT, RES. RT, CR, ETC.)*

19. ELEV. CASINGHEAD

7/31/84

8/1-/84

Dry

4636' GR

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

580'

NA

XX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

NA

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Resistivity - SP - Density

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
NA					

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

27. PERFORATION RECORD (Interval, size and number)

28. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

29. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
NA							P. & A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD —————→	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		

30. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

Well Plugged 8/2/84

31. LIST OF ATTACHMENTS

The drilling of this well earns a 2 year lease extension

32. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

James C. Meyer

TITLE Agent

DATE 8/7/84

*(See Instructions and Spaces for Additional Data on Reverse Side)

124/85 Monb Am

4/17 TO State of Utah

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Tununk	surface	300'	Fine shale dark grey color	No markers	No surveys run	
Brushy Basin	300'	530'	Fine shale grey in color, sandstone, some bentonite to green clay to some red clay			
Saltwash	530'	580'	light grey to brown sandstone some shale stringers			



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 21, 1985

Mr. M. J. Harvey, Jr.
P.O. Box 12705
Dallas, Texas 75225

Gentlemen:

Re: Well No. Harvey Federal #33-1 - Sec. 33, T. 19S., R. 14E.
Emery County, Utah - API #43-015-30203

This office has received information that indicates that the above referred to well has been spudded, however, this office has not received proper notification of spudding as requested in the letter of approval to drill.

It is also necessary to file monthly drilling reports. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than February 23, 1985.

Thank you for your cooperation in this matter.

Sincerely,

Claudia L. Jones
Well Records Specialist

Enclosures (6)
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0045S/7

1625 BROADWAY
SUITE 1580
DENVER, COLORADO 80202
303-571-1601

Michael John Harvey, Jr.

P.O. Box 12705
DALLAS, TEXAS 75225
(214) 363-7380

1221 WEST COAST HIGHWAY
NEWPORT BEACH, CA 92663
(714) 645-5000

April 24, 1985

RECEIVED

State of Utah
Oil and Gas Natural Resources
355 W. North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

APR 26 1985

DIVISION OF OIL
GAS & MINING

Attention: Arlene Sollis

Re: Harvey Federal Well 33-1
Sec. 33, 19S-14E, U-26325
Emery County, Utah
M. J. Harvey, Jr. - Operator

Gentlemen:

Attached are duplicate copies of Gamma Ray, S.P.,
Resistance and Density logs run in above-captioned
well.

Very truly yours,

M. J. Harvey, Jr.
M. J. Harvey, Jr.
by Gene Morris *m*

cc: Lease File
Well File
Jerry Keeler, Box 927
Newcastle, Wyo. 82701



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 17, 1985

M. J. Harvey, Jr.
Box 12705
Dallas, TX 75025

Gentlemen:

Re: Well No. Harvey Federal #33-1 - Sec. 33, T. 19S, R. 14E.
Emery County, Utah - API NO. 43-015-30203

According to the "Well Completion Report" submitted April 26, 1985 for the above referenced well this well is plugged and abandoned. This office has not received the "Sundry Notice" of subsequent abandonment on this well.

Please complete and return the enclosed Form OGC-1b, "Sundry Notices and Reports on Wells" as soon as possible but not later than May 31, 1985.

Thank you for your prompt attention to this matter.

Sincerely,

Pam Kenna
Well Records Specialist

sb
Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0143S-17

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

JUN 24 1985

Form Approved
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☒ DRY HOLE P & A

2. NAME OF OPERATOR

M. J. Harvey, Jr.

3. ADDRESS OF OPERATOR

Box 12705 Dallas, Texas 75025

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 714' F.N.L. & 714' FEL (NENE)

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) P & A ☒

5. LEASE

U-26325

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harvey Federal

9. WELL NO.

#33-1

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 33-T195-R14F

12. COUNTY OR PARISH 13. STATE

Emery

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4636' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was plugged at 5:30 PM on 8/2/84 as per verbal order from Bob Graff

Plugs were placed as follows:

3 sax 0-24' Class G Cement

8 sax 376'-400' Class G Cement

Hole was filled with cuttings from 580'(TD) to 440'(tagged)

8 sax cement plug to 376' - cuttings from 376' to 24' -

3 sax cement to surface.

Location was cleaned up and restored and road cut.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED John C. Meyer TITLE Agent

DATE 8/7/84

(This space for Federal or State of _____)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7/1/85

BY: John R. Byn